

EAST Search History

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|------|--|---|------------------|---------|------------------|
| S1 | 1595 | (375/350).CCLS. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/12/10 12:50 |
| S2 | 440 | noise near3 elimination near3 filter | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/12/10 15:08 |
| S3 | 20 | S2 and (recursive or IIR or (infinite near3 impulse)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/12/10 15:09 |
| S4 | 16 | S3 and @pd<"20020709" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/12/10 15:22 |
| S5 | 34 | (IIR near4 filter) and (coefficient) and (noise) and (noise near3 level) and (channel near3 speed) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/12/10 15:22 |
| S6 | 11 | S5 and @pd<"20020709" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/12/19 22:38 |
| S7 | 4 | mobile and (integration near3 dump) and (noise near3 eliminat\$5) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/12/10 15:31 |
| S8 | 29 | (channel near3 prediction near3 value) and mobile | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/12/10 15:31 |

EAST Search History

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| S9 | 13 | S8 and @pd<"20020709" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/12/18 20:26 |
| S10 | 240 | (channel near3 speed) and (noise near3 level) and mobile | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/12/10 15:41 |
| S11 | 100 | S10 and @pd<"20020709" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/12/10 15:54 |
| S12 | 8 | S11 and (IIR near3 filter) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/12/10 15:53 |
| S13 | 119 | (noise near3 filter near5 coefficient) and (IIR) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/12/10 15:54 |
| S14 | 52 | S13 and @pd<"20020709" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/12/10 16:46 |
| S15 | 5 | S14 and mobile | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/12/10 15:54 |
| S16 | 1071 | (noise WITH (elimination or reduction or cancellation)) and IIR | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/12/10 16:47 |

EAST Search History

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| S17 | 482 | S16 and @pd<"20020709" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/12/10 16:47 |
| S18 | 0 | S17 and (detect near4 noise) and ((channel near4 speed) or (speed)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/12/10 16:48 |
| S19 | 28 | S17 and (detect near4 noise) and ((channel near4 speed) or (speed)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/12/10 16:48 |
| S20 | 501 | (high near3 speed near channel) and (low near3 speed near3 channel) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/12/10 17:05 |
| S21 | 936 | (high near3 speed near3 channel) and (low near3 speed near3 channel) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/12/10 17:05 |
| S22 | 604 | S21 and @pd<"20020709" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/12/10 17:16 |
| S23 | 5 | S22 and (IIR) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/12/10 17:06 |
| S24 | 163 | S22 and (noise) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/12/10 17:08 |

EAST Search History

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| S25 | 10 | S24 and (noise near3 (elimination or reduction or removal)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/12/10 17:14 |
| S26 | 2 | (slope near4 compensator) and (noise near3 detect\$5) and (speed near4 detect\$5) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/12/10 17:15 |
| S27 | 4067 | (slope near4 compensat\$5) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/12/10 17:16 |
| S28 | 1 | S27 and IIR and mobile | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/12/10 17:16 |
| S29 | 73 | S27 and IIR | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/12/10 17:16 |
| S30 | 9 | S29 and @pd<"20020709" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/12/10 17:28 |
| S31 | 1 | (US-6392402-\$).did. | USPAT | OR | ON | 2006/12/10 17:27 |
| S32 | 2156 | (noise near3 (level or power)) and (channel near3 response) | USPAT | OR | ON | 2006/12/10 17:28 |
| S33 | 1309 | S32 and @pd<"20020709" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/12/10 17:37 |

EAST Search History

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| S34 | 63 | S33 and (IIR) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/12/10 17:29 |
| S35 | 14 | S34 and (pilot) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/12/10 17:36 |
| S36 | 6684 | mobile and (noise near4 (estimat\$5 or determin\$6 or calcula\$^)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/12/10 17:39 |
| S37 | 1852 | S36 and @pd<"20020709" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/12/10 17:39 |
| S38 | 74 | S37 and (IIR) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/12/10 17:37 |
| S39 | 1037 | pilot same (noise near4 (estimat\$5 or determin\$6 or calcula\$^)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/12/10 17:45 |
| S40 | 192 | S39 and @pd<"20020709" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/12/10 17:45 |
| S41 | 6 | S40 and IIR | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/12/10 17:45 |

EAST Search History

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| S42 | 1127 | pilot same (noise near4 (estimat\$5 or determin\$6 or calcula\$5)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/12/10 17:45 |
| S43 | 222 | S42 and @pd<"20020709" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/12/10 18:14 |
| S44 | 6 | S43 and IIR | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/12/10 17:45 |
| S45 | 0 | S43 and (noise near3 calculat\$%) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/12/10 17:46 |
| S46 | 48 | S43 and (noise near3 calculat\$5) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/12/10 17:47 |
| S47 | 23 | S46 and (pilot with (noise near3 calculat\$5)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/12/10 17:47 |
| S48 | 1 | (US-6243423-\$).did. | USPAT | OR | ON | 2006/12/10 18:13 |
| S49 | 398 | (channel near3 speed) with (prediction or calculation or determin\$6) | USPAT | OR | ON | 2006/12/10 18:13 |
| S50 | 265 | S49 and @pd<"20020709" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/12/10 18:21 |

EAST Search History

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|-----|------|--|---|----|----|------------------|
| S51 | 1 | S50 and (autocorrelation) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/12/10 18:14 |
| S52 | 0 | S50 and (predict\$4 near3 channel near3 response) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/12/10 18:16 |
| S53 | 34 | S50 and (channel near3 response) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/12/10 18:17 |
| S54 | 1 | S53 and (doppler or fading) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/12/10 18:19 |
| S55 | 9265 | (doppler or fading) and ((speed or (rate near3 change)) with (calculat\$5 or determin\$5)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/12/10 18:20 |
| S56 | 5174 | S55 and @pd<"20020709" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/12/10 18:30 |
| S57 | 163 | S56 and (autocorrelation) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/12/10 18:21 |
| S58 | 97 | S57 and (min and max) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/12/10 18:22 |

EAST Search History

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|-----|------|--|---|----|----|------------------|
| S59 | 26 | S58 and (mobile or cdma) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/12/10 18:30 |
| S60 | 3557 | (slope near3 compens\$5) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/12/10 18:30 |
| S61 | 1898 | S60 and @pd<"20020709" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/12/10 18:41 |
| S62 | 600 | S61 and (speed) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/12/10 18:31 |
| S63 | 15 | S62 and (noise near3 (elimination or reduction or removal)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/12/10 18:32 |
| S64 | 0 | (IIR near3 filter) and (coefficient with equal\$5 with distrib\$%) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/12/10 18:45 |
| S65 | 12 | (IIR near3 filter) and (coefficient with equal\$5 with distrib\$5) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/12/10 18:41 |
| S66 | 5 | S65 and @pd<"20020709" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/12/10 18:45 |

EAST Search History

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| S67 | 0 | (IIR near3 filter) and (coefficient same equal\$5 same distrib\$%) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/12/10 18:45 |
| S68 | 42 | (IIR near3 filter) and (coefficient same equal\$5 same distrib\$5) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/12/10 18:45 |
| S69 | 18 | S68 and @pd<"20020709" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/12/10 19:09 |
| S70 | 1 | ("N-th order IIR") and (coefficients near3 (equal or "same")) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/12/10 18:52 |
| S71 | 37497 | (high\$3 order IIR) and (coefficients near3 (equal or "same")) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/12/10 18:53 |
| S72 | 8 | (high\$3 near2 order near2 IIR) and (coefficients near3 (equal or "same")) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/12/10 18:53 |
| S73 | 8 | (high\$3 near3 order near3 IIR) and (coefficients near3 (equal or "same")) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/12/10 19:08 |
| S74 | 52 | (IIR with coefficients with "same") | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/12/10 19:16 |

EAST Search History

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| S75 | 31 | S74 and @pd<"20020709" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/12/10 19:20 |
| S76 | 13 | (IIR with (coefficients near3 equal)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/12/10 19:19 |
| S77 | 0 | (IIR same ("coefficients are equal")) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/12/10 19:20 |
| S78 | 23 | (IIR same (coefficients near2 equal)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/12/10 19:20 |
| S79 | 15 | S78 and @pd<"20020709" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/12/10 19:28 |
| S80 | 46 | IIR with (noise near3 (elimination or reduction or removal)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/12/10 19:28 |
| S81 | 20 | S80 and @pd<"20020709" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/12/10 19:28 |
| S82 | 38 | (noise with (level or power or comput\$5 or calcul\$6)) and ((pilot near2 symbol) same (previous near3 pilot)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/12/18 21:07 |

EAST Search History

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| S83 | 7 | S82 and @pd<"20020709" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/12/18 21:29 |
| S84 | 1 | (noise with (level or power or comput\$5 or calcul\$6)) same ((pilot near2 symbol) same (previous near3 pilot)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/12/18 20:53 |
| S85 | 252097 | (noise with (level or power or comput\$5 or calcul\$6)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/12/18 20:53 |
| S86 | 251 | S85 and (noise near4 elimination near4 filter) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/12/18 20:53 |
| S87 | 157 | S86 and @pd<"20020709" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/12/18 20:54 |
| S88 | 2 | S87 and (IIR near3 filter) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/12/18 20:58 |
| S89 | 2 | S87 and (infinite with impulse with filter) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/12/18 20:58 |
| S90 | 0 | S87 and ((pilot near3 symbol) same previous) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/12/18 21:00 |

EAST Search History

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| S91 | 0 | S87 and ((pilot near3 symbol) and (previous near3 pilot)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/12/18 21:00 |
| S92 | 0 | S87 and (pilot near4 symbol) and (previous near4 pilot) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/12/18 21:01 |
| S93 | 0 | S87 and (pilot near4 symbol) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/12/18 21:02 |
| S94 | 3 | S87 and (pilot) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/12/18 21:06 |
| S95 | 96 | (noise with (level or power or comput\$5 or calcul\$6 or estim\$6)) and (pilot near3 symbol) and (pilot near3 (previous or past)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/12/18 21:07 |
| S96 | 16 | S95 and @pd<"20020709" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/12/18 21:27 |
| S97 | 118 | (channel with speed with predict\$5) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/12/18 21:28 |
| S98 | 47 | S97 and @pd<"20020709" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/12/18 21:43 |

EAST Search History

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| S99 | 4 | S98 and (autocorrelation or "auto-correlation") | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/12/18 21:42 |
| S10 0 | 278 | channel and doppler and speed and (autocorrelaton or "auto-correlation") | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/12/18 21:43 |
| S10 1 | 114 | S100 and @pd<"20020709" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/12/18 22:04 |
| S10 2 | 110 | S101 and (maxim\$7 or (mean or average)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/12/18 21:44 |
| S10 3 | 25 | S102 and ((channel or doppler) adj3 (speed or velocity)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/12/18 21:59 |
| S10 4 | 29 | (channel or doppler) with speed with autocorrelation | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/12/18 22:04 |
| S10 5 | 13 | S104 and @pd<"20020709" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/12/18 22:26 |
| S10 6 | 7267 | (noise with (elimination or reduction or removal) with filter) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/12/18 22:25 |

EAST Search History

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| S10 7 | 4305 | S106 and @pd<"20020709" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/12/18 23:00 |
| S10 8 | 122 | S107 and (IIR or (infinite near4 impulse)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/12/18 22:27 |
| S10 9 | 16875 | S108 and (unity near4 gain) or ((first near3 coefficient) and (second near3 coefficient)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/12/18 22:29 |
| S11 0 | 31 | S108 and ((unity near4 gain) or ((first near3 coefficient) and (second near3 coefficient))) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/12/18 22:32 |
| S11 1 | 1 | S110 and (first with order with IIR) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/12/18 22:32 |
| S11 2 | 1 | (US-6055318-\$.did. | USPAT | OR | ON | 2006/12/18 22:59 |
| S11 3 | 2 | ((first near3 order) with (IIR near3 filter)) and (unity near3 gain) and (sum near3 coefficient) | USPAT | OR | ON | 2006/12/18 23:04 |
| S11 4 | 37 | ((first near3 order) with (IIR near3 filter)) and (unity near3 gain) | USPAT | OR | ON | 2006/12/18 23:00 |
| S11 5 | 19 | S114 and @pd<"20020709" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/12/18 23:33 |
| S11 6 | 0 | S94 and ((first near3 order) with (IIR near3 filter)) same (unity near3 gain) | USPAT | OR | ON | 2006/12/18 23:03 |
| S11 7 | 17 | S115 and (noise) | USPAT | OR | ON | 2006/12/18 23:03 |

EAST Search History

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| S11 8 | 15 | ((first near3 order) with (IIR near3 filter)) and (sum near3 coefficient) | USPAT | OR | ON | 2006/12/18 23:05 |
| S11 9 | 13 | ((first near3 order) with (IIR near3 filter)) and (sum adj3 coefficient) | USPAT | OR | ON | 2006/12/18 23:06 |
| S12 0 | 1 | (US-6907143-\$).did. | USPAT | OR | ON | 2006/12/18 23:10 |
| S12 1 | 1 | (US-6049577-\$).did. | USPAT | OR | ON | 2006/12/18 23:30 |
| S12 2 | 63 | (IIR near3 filter) and (coefficient same ((channel near3 speed) or (doppler))) | USPAT | OR | ON | 2006/12/18 23:33 |
| S12 3 | 36 | S122 and @pd<"20020709" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/12/18 23:34 |
| S12 4 | 6 | S123 and (noise near3 (reduction or removal or suppress\$5)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/12/18 23:35 |
| S12 5 | 1 | (US-5823964-\$).did. | USPAT | OR | ON | 2006/12/18 23:42 |
| S12 6 | 12 | (IIR near3 filter near3 coefficients) same (doppler) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/12/19 19:39 |
| S12 7 | 47 | (IIR near3 filter near3 coefficients) and (doppler) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/12/19 19:39 |
| S12 8 | 12 | S127 and @pd<"20020709" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/12/19 19:55 |
| S12 9 | 1 | (US-5943427-\$).did. | USPAT | OR | ON | 2006/12/19 19:45 |

EAST Search History

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| S13 0 | 0 | ((doppler or (channel near2 speed)) with (less adj6 threshold)) same (slope near4 compensa\$6) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/12/19 19:55 |
| S13 1 | 0 | ((doppler or (channel near2 speed)) same (less adj6 threshold)) same (slope near4 compensa\$6) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/12/19 19:55 |
| S13 2 | 31 | (doppler and (slope near3 compensa\$5)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/12/19 19:55 |
| S13 3 | 19 | S132 and @pd<"20020709" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/12/19 20:20 |
| S13 4 | 1 | S133 and (doppler same threshold) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/12/19 19:57 |
| S13 5 | 5 | S133 and (doppler and threshold) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/12/19 19:57 |
| S13 6 | 16 | (slope near3 compensation) and doppler | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/12/19 20:05 |
| S13 7 | 11 | S136 and @pd<"20020709" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/12/19 20:05 |

EAST Search History

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| S13 8 | 531 | (channel near3 speed) and doppler | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/12/19 20:07 |
| S13 9 | 171 | S138 and @pd<"20020709" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/12/19 20:07 |
| S14 0 | 22 | S139 and ((doppler or speed) with threshold) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/12/19 20:06 |
| S14 1 | 95 | (channel near3 speed) and (slope near3 compensat\$5) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/12/19 20:07 |
| S14 2 | 10 | S141 and @pd<"20020709" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/12/19 20:19 |
| S14 3 | 28 | (high\$4 near3 order near3 IIR near3 filter) and (coefficients with ("same" or equal)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/12/19 20:20 |
| S14 4 | 3 | S143 and @pd<"20020709" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/12/19 20:19 |
| S14 5 | 32 | (high\$4 near3 order near3 IIR near3 filter) and (coefficients same equal) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/12/19 20:22 |

EAST Search History

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| S14 6 | 11 | S136 and @pd<"20020709" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/12/19 20:21 |
| S14 7 | 11 | S146 and @pd<"20020709" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/12/19 20:21 |
| S14 8 | 7 | S145 and @pd<"20020709" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/12/19 20:22 |
| S14 9 | 1039 | (IIR near3 filter) and (coefficients same equal) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/12/19 20:22 |
| S15 0 | 415 | S149 and @pd<"20020709" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/12/19 20:32 |
| S15 1 | 99 | S150 and (coefficients near3 equal) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/12/19 20:24 |
| S15 2 | 0 | S150 and ("coefficients are equal") | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/12/19 20:24 |
| S15 3 | 0 | S150 and ("coefficients are same") | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/12/19 20:24 |

EAST Search History

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| S15 4 | 52 | S150 and (coefficients adj2 equal) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/12/19 20:31 |
| S15 5 | 22 | (IIR with coefficients with equal) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/12/19 20:32 |
| S15 6 | 12 | S155 and @pd<"20020709" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/12/19 20:35 |
| S15 7 | 386 | (IIR near4 filter) and ((taps or weights or coefficient\$) near2 equal) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/12/19 20:35 |
| S15 8 | 137 | S157 and @pd<"20020709" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/12/19 20:52 |
| S15 9 | 14204 | filter same ((coefficient or tap or weight) near5 ("same" or equal\$5)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/12/19 20:52 |
| S16 0 | 9449 | S159 and @pd<"20020709" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/12/19 21:11 |
| S16 1 | 351 | S160 and ((IIR near3 filter)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/12/19 20:54 |

EAST Search History

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| S16 2 | 49 | S161 and (noise near3 (elimination or reduct\$5)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/12/19 21:08 |
| S16 3 | 1519 | IIR and (noise near4 filter) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/12/19 21:08 |
| S16 4 | 0 | (hugher near2 order near2 IIR near2 filter) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/12/19 21:11 |
| S16 5 | 46 | (higher near2 order near2 IIR near2 filter) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/12/19 21:11 |
| S16 6 | 8 | S165 and @pd<"20020709" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/12/19 21:19 |
| S16 7 | 5 | S166 and (noise) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/12/19 21:12 |
| S16 9 | 7 | S166 and coefficient | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/12/19 21:15 |
| S17 0 | 1 | (US-6263354-\$).did. | USPAT | OR | ON | 2006/12/19 21:18 |
| S17 1 | 108 | (IIR near2 filter) and (coefficients near2 equal) | USPAT | OR | ON | 2006/12/19 21:19 |

EAST Search History

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| S17 2 | 62 | S171 and @pd<"20020709" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/12/19 21:45 |
| S17 3 | 55 | (noise with compar\$4 with threshold) and (doppler with compar\$4 with threshold) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/12/19 21:45 |
| S17 4 | 44 | S173 and @pd<"20020709" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/12/19 21:45 |
| S17 5 | 6 | S174 and (noise near3 filter\$5) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/12/19 21:46 |
| S17 6 | 1 | (US-4450445-\$).did. | USPAT | OR | ON | 2006/12/19 21:47 |
| S17 7 | 255 | (mobile or wireless) and (pilot with "complex conjugate" with multipl\$7) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/12/19 22:37 |
| S17 8 | 68 | S177 and @pd<"20020709" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/12/19 22:38 |
| S17 9 | 5 | S178 and (noise with (reduction or removal)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/12/19 22:38 |
| S18 0 | 1 | (US-20020009128-\$).did. | US-PGPUB | OR | ON | 2006/12/19 22:40 |

EAST Search History

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| S18 1 | 1040 | (kim and choi and moon).in. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/01/01 19:56 |
| S18 2 | 1 | ((noise near3 elimin\$7) and (filter with (coefficient\$2 or tap\$2 or weight\$2)) and (predict\$3 near4 channel)).clm. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/01/01 20:01 |
| S18 3 | 4069 | ((324/132) or (375/147,262,368) or (381/94.2,17) or (382/26)).CCLS. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2008/01/01 20:02 |
| S18 4 | 0 | S182 and S183 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/01/01 20:02 |